
Chapter 3—New system installation from a Software Delivery (PCMCIA) card

Introduction

This chapter describes how to install software in a new Option 11C system using a Software Delivery (PCMCIA) card.

CAUTION

A Software Daughterboard, Security Device, Software Delivery (PCMCIA) card programmed with the new software and a Keycode Data Sheet are required to complete the installation. Refer to the keycode data sheet when entering the ISM parameters, adding packages or changing the AUX ID.

How to install software in a new system

Summary of steps

The Software Installation steps are summarized in the following list. They consist of:

- Installing the Software Daughterboard and Security Device.
- Selecting the New System Installation menu.
- Selecting Feature Set and packages.
- Selecting a database.
- Selecting Incremental Software Management (ISM) parameters.
- Validating keycodes.
- Loading the software.

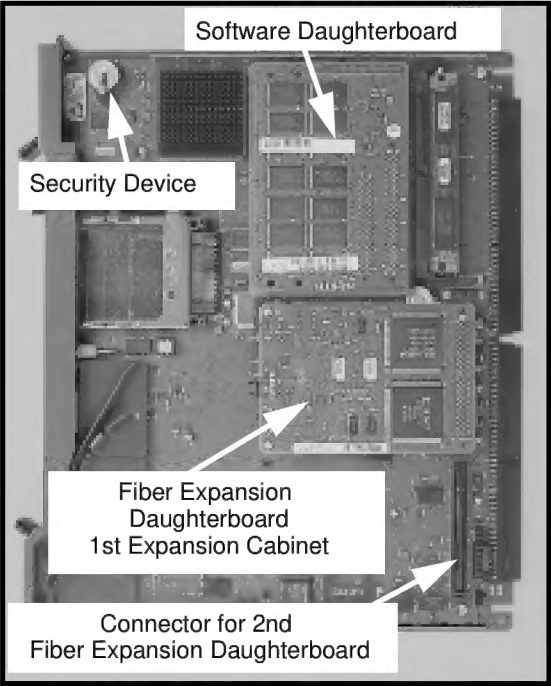
CAUTION

Wear the anti-static wrist strap provided in the bottom of the cabinet before handling circuit cards. Static electricity can damage the components of power supplies and circuit cards.

Installing the software

The following procedure describes how to install the software.

Software Installation Procedure

Step	Action
1	If not previously done, install the Software Daughterboard and Security Device on the NTDK20 Small System Controller (SSC) card. To install the Software Daughterboard and Security Device: • Put on the anti-static wrist strap and insert the Software Daughterboard in the connector on the component side of the SSC card. • Insert the Security Device in the socket on the component side of the SSC card. 
—continued—	

Software Installation Procedure (Continued)

Step	Action						
2	If not previously done, install the NTDK20 Small System Controller (SSC) card in its slot (slot 0) of the main cabinet.						
	If a fiber optic cable is present, make sure that it is placed in the Fiber Routing Guide.						
3	If not previously done, power up the system.						
	To power up the system: Make sure that the power is connected to the cabinet then set the circuit breaker on the front of the power supply unit to ON.						
4	Observe the terminal screen.						
<table><tr><th>If</th><th>Do</th></tr><tr><td>INSERT SOFTWARE DELIVERY CARD message appears</td><td>Step 5 and install the Software Delivery card (PCMCIA)</td></tr><tr><td>INSTALL SETUP PROGRAM message appears</td><td>Step 6</td></tr></table>		If	Do	INSERT SOFTWARE DELIVERY CARD message appears	Step 5 and install the Software Delivery card (PCMCIA)	INSTALL SETUP PROGRAM message appears	Step 6
If	Do						
INSERT SOFTWARE DELIVERY CARD message appears	Step 5 and install the Software Delivery card (PCMCIA)						
INSTALL SETUP PROGRAM message appears	Step 6						
—continued—							

Software Installation Procedure (Continued)

Step	Action
5	Skip this step unless the Software Delivery (PCMCIA) card is being used to install the software. If not previously done, install the Software Delivery card in the socket in the faceplate of the SSC card. To install the Software Delivery card: Insert the card in slot A in the PCMCIA socket located in the faceplate of the NTDK20 Small System Controller (SSC) card. Gently press on the Software Delivery card until it is firmly seated. 
—continued—	

Software Installation Procedure (Continued)

Step	Action
6	Observe the terminal screen.
If	Do
Current system time and date: 00:00:00 -- 00/00/00 message appears	Step 7
Software Installation Main Menu message appears	Step 8
7	Set the system Time and Date.
Note: The Time and Date prompt appears only when the Install Setup Program detects a system Year Date that is not in the range of 1995-2095. The responses shown below are examples.	
To enter the system Time and Date:	
Prompt	Response (example)
Enter new time (hh/mm/ss)	08:00:00<cr>
Enter new date (yy/mm/dd)	95/05/01<cr>
08:00:00 -- 95/05/01 is the new system time and date	
Is this correct?	y<cr>
—continued—	

Software Installation Procedure (Continued)

Step	Action				
8	Select item 1 from the Main Menu.				
	Software Installation Main Menu 1. New System Installation or Option 11/11E Upgrade - From Software Daughterboard 2. System Upgrade 3. Utilities 4. New System Installation - From Software Delivery Card [q]uit, [h]elp or [?], <cr> - redisplay				
	<table> <tr> <th>Prompt</th><th>Response</th></tr> <tr> <td>Enter selection</td><td>4<cr> (New system installation)</td></tr> </table>	Prompt	Response	Enter selection	4<cr> (New system installation)
Prompt	Response				
Enter selection	4<cr> (New system installation)				
9	Select the Feature Set to be enabled.				
	Note: The Feature Set selected must match the ones provided with key codes. The Feature Set names shown below are examples only.				
	*** NOTE: The following questions require information on the Keycode Data Sheet. Please have it available.*** *** NOTE: If an External Data Card is being used for this system, please insert it into drive b: Now.*** (The following feature sets are examples) Select Feature Set You Wish to Enable: 1. General Business (NTSKxxxx) 2. Enhanced Business (NTSKxxxx) 3. Enterprise (NTSKxxxx) 4. NAS/VNS (NTSKxxxx) [q]uit, [p]revious, [m]ain menu, [h]elp or [?], <cr> redisplay				
	—continued—				

Software Installation Procedure (Continued)

Step	Action	Response (example)
	Prompt	
	Enter Selection:	2<cr> (Enhanced Business)
10	Indicate whether or not packages are to be added.	
	Feature Set Selection: Enhanced Business	
	Prompt	Response (example)
	Do you wish to add packages?	n<cr> (no) y<cr> (yes) a<cr> (abort, return to main menu)
	If	Do
	the response was n	Step 13
	the response was y	Step 11
11	Select the Feature packages to be added.	
	Summary of Packages selected is: 0-2 4-5 7-14 16-25 28-29 32-64 67 70-77 79-83 86-93 95 98-104 107-111 113-116 118-120 122-125 127-129 131-133 135 137-141	
	Prompt	Response (example)
	Enter packages (s) to be added, blank line to end:	215-235<cr> <cr> (ends selection entry or if no packages are to be added)
—continued—		

Software Installation Procedure (Continued)

Step	Action										
12	Confirm Feature Set and packages.										
	Your Feature Set Selection is "Enhanced Business": Additional Packages selected: 215-235 Summary of Packages selected is: 0-2 4-5 7-14 16-25 28-29 32-64 67 70-77 79-83 86-93 95 100-104 107-111 113-116 118-120 122-125 127-129 131-133 135 137-141 200-208 215-235										
	<table> <tr> <th>Prompt</th><th>Response</th></tr> <tr> <td>Is this selection correct?</td><td> n<cr> (no) y<cr> (yes) a<cr> (abort, return to main menu) </td></tr> <tr> <th>If</th><th>Do</th></tr> <tr> <td>the response was n</td><td>Step 9</td></tr> <tr> <td>the response was y</td><td>Step 13</td></tr> </table>	Prompt	Response	Is this selection correct?	n <cr> (no) y <cr> (yes) a <cr> (abort, return to main menu)	If	Do	the response was n	Step 9	the response was y	Step 13
Prompt	Response										
Is this selection correct?	n <cr> (no) y <cr> (yes) a <cr> (abort, return to main menu)										
If	Do										
the response was n	Step 9										
the response was y	Step 13										
	—continued—										

Software Installation Procedure (Continued)

Step	Action										
13	Select a Database. Select database to Install: 1. Pre-Configured database - Enhanced Business 2. Basic Configuration 3. Archived Database [q]uit, [p]revious, [m]ain menu, [h]elp or [?], <cr> redisplay <table> <tr> <th>Prompt</th><th>Response (example)</th></tr> <tr> <td>Enter Selection:</td><td>3<cr></td></tr> <tr> <th>If</th><th>Do</th></tr> <tr> <td>selection was Archived Database</td><td>Step 14</td></tr> <tr> <td>selection was other than Archived Database</td><td>Step 15</td></tr> </table>	Prompt	Response (example)	Enter Selection:	3<cr>	If	Do	selection was Archived Database	Step 14	selection was other than Archived Database	Step 15
Prompt	Response (example)										
Enter Selection:	3<cr>										
If	Do										
selection was Archived Database	Step 14										
selection was other than Archived Database	Step 15										
14	Select an Archived Database. Archived Database available: 1. Company ABC 2. XYZ.Offices 3. Green.Packaging [q]uit, [m]ain menu, [p]revious menu, <cr> - redisplay <table> <tr> <th>Prompt (example)</th><th>Response (example)</th></tr> <tr> <td>Enter Selection:</td><td>1<cr></td></tr> <tr> <td colspan="2">Company.ABC database selected for installation.</td></tr> </table>	Prompt (example)	Response (example)	Enter Selection:	1<cr>	Company.ABC database selected for installation.					
Prompt (example)	Response (example)										
Enter Selection:	1<cr>										
Company.ABC database selected for installation.											
—continued—											

Software Installation Procedure (Continued)

Step	Action										
15	Review ISM parameters.										
	Note: On a new installation, the ISM parameters displayed on the terminal screen will be the default settings associated with the Feature Set selection. These settings can be accepted without changes or changed to suit the requirements of the new system. Current ISM Parameters: TNS (1000) (maximum number of terminal numbers) AGNT (1000) (maximum number of ACD agents) ACDN (0100) (maximum number of ACD DNs) AST (0000) (maximum number of associate Sets) DSL (0000) (maximum number of Digital Subscriber Loops) LTID (0000) (maximum number of Logical Terminal IDs) MOPT (0000) (Meridian Mail option) <table> <tr> <th>Prompt</th><th>Response</th></tr> <tr> <td>Do you wish to change ISM parameters?</td><td> n<cr> (no change) y<cr> (change) a<cr> (abort, return to main menu) </td></tr> <tr> <th>If</th><th>Do</th></tr> <tr> <td>the response was y</td><td>Step 16</td></tr> <tr> <td>the response was n</td><td>Step 18</td></tr> </table>	Prompt	Response	Do you wish to change ISM parameters?	n<cr> (no change) y<cr> (change) a<cr> (abort, return to main menu)	If	Do	the response was y	Step 16	the response was n	Step 18
Prompt	Response										
Do you wish to change ISM parameters?	n<cr> (no change) y<cr> (change) a<cr> (abort, return to main menu)										
If	Do										
the response was y	Step 16										
the response was n	Step 18										
—continued—											

Software Installation Procedure (Continued)

Step	Action																		
16	Select ISM parameters.																		
	<table> <tr> <th>Prompt (example)</th><th>Response (example)</th></tr> <tr> <td>Enter new ISM parameters, <cr> to leave as is:</td><td></td></tr> <tr> <td>TNS (1000)</td><td><cr> (no change)</td></tr> <tr> <td>AGNT (1000)</td><td><cr> (no change)</td></tr> <tr> <td>ACDN (0100)</td><td><cr> (no change)</td></tr> <tr> <td>AST (0000)</td><td>100<cr> (change)</td></tr> <tr> <td>DSL (0000)</td><td><cr> (no change)</td></tr> <tr> <td>LTID (0000)</td><td><cr> (no change)</td></tr> <tr> <td>MOPT (0000)</td><td><cr> (no change)</td></tr> </table>	Prompt (example)	Response (example)	Enter new ISM parameters, <cr> to leave as is:		TNS (1000)	<cr> (no change)	AGNT (1000)	<cr> (no change)	ACDN (0100)	<cr> (no change)	AST (0000)	100<cr> (change)	DSL (0000)	<cr> (no change)	LTID (0000)	<cr> (no change)	MOPT (0000)	<cr> (no change)
Prompt (example)	Response (example)																		
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17	Confirm ISM parameters.																		
	New ISM parameters are: TNS (1000) AGNT (1000) ACDN (0100) AST (0100) DSL (0000) LTID (0000) MOPT (0000)																		
	<table> <tr> <th>Prompt</th><th>Response</th></tr> <tr> <td>Is this correct?</td><td>n<cr> (no) y<cr> (yes) a<cr> (abort, return to main menu)</td></tr> <tr> <th>If</th><th>Do</th></tr> <tr> <td>the response was n</td><td>Step 15</td></tr> <tr> <td>the response was y</td><td>Step 18</td></tr> </table>	Prompt	Response	Is this correct?	n<cr> (no) y<cr> (yes) a<cr> (abort, return to main menu)	If	Do	the response was n	Step 15	the response was y	Step 18								
Prompt	Response																		
Is this correct?	n<cr> (no) y<cr> (yes) a<cr> (abort, return to main menu)																		
If	Do																		
the response was n	Step 15																		
the response was y	Step 18																		
—continued—																			

Software Installation Procedure (Continued)

Step	Action										
18	Define the AUX ID.										
	Note: The default AUX ID is the system ID provided with the Option 11C. It should be replaced with the previous Option 11 or Option 11E site ID. <table> <tr> <th>Prompt (example)</th><th>Response (example)</th></tr> <tr> <td>Security ID: 20000326 Current AUX ID: 20000326 Do you wish to change the AUX ID?</td><td>y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)</td></tr> <tr> <th>If</th><th>Do</th></tr> <tr> <td>the response was n</td><td>Step 20</td></tr> <tr> <td>the response was y</td><td>Step 19</td></tr> </table>	Prompt (example)	Response (example)	Security ID: 20000326 Current AUX ID: 20000326 Do you wish to change the AUX ID?	y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)	If	Do	the response was n	Step 20	the response was y	Step 19
Prompt (example)	Response (example)										
Security ID: 20000326 Current AUX ID: 20000326 Do you wish to change the AUX ID?	y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)										
If	Do										
the response was n	Step 20										
the response was y	Step 19										
19	Enter the AUX ID.										
	<table> <tr> <td>Enter the Option 11/11E System ID for the new AUX ID, <cr> to maintain</td><td>12121212<cr></td></tr> <tr> <td>New AUX ID: 12121212 Is this correct?</td><td>y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)</td></tr> </table>	Enter the Option 11/11E System ID for the new AUX ID, <cr> to maintain	12121212<cr>	New AUX ID: 12121212 Is this correct?	y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)						
Enter the Option 11/11E System ID for the new AUX ID, <cr> to maintain	12121212<cr>										
New AUX ID: 12121212 Is this correct?	y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)										
—continued—											

Software Installation Procedure (Continued)

Step	Action						
	<table><tr><th>If</th><th>Do</th></tr><tr><td>the response was n</td><td>Step 18</td></tr><tr><td>the response was y</td><td>Step 20</td></tr></table>	If	Do	the response was n	Step 18	the response was y	Step 20
If	Do						
the response was n	Step 18						
the response was y	Step 20						
20	Review and confirm information entered.						
	New Installation Information Summary: System ID : 20000326 Aux ID : 12121212 Added Pkgs : 215-235 Feature Set : Enhanced Business Database : Company.ABC OLD NEW S/W Release : 2304C ISM Parameters : OLD NEW TSN : 1000 1000 AGNT : 1000 1000 ACDN : 0100 0100 AST : 0000 0150 DSL : 0000 0100 LTID : 0000 0000 MOPT : 0000 0000						
	<table><tr><th>Prompt</th><th>Response</th></tr><tr><td>Is this correct?</td><td>y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)</td></tr></table>	Prompt	Response	Is this correct?	y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)		
Prompt	Response						
Is this correct?	y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)						
	<table><tr><th>If</th><th>Do</th></tr><tr><td>the response was n</td><td>Step 9</td></tr><tr><td>the response was y</td><td>Step 21</td></tr></table>	If	Do	the response was n	Step 9	the response was y	Step 21
If	Do						
the response was n	Step 9						
the response was y	Step 21						
—continued—							

Software Installation Procedure (Continued)

Step	Action										
21	Enter the keycodes										
	Note: Enter keycodes in place of x, y, z , shown in Response column.										
	<table> <tr> <th>Prompt</th><th>Response</th></tr> <tr> <td>Enter new Keycodes:</td><td></td></tr> <tr> <td>Key 1:</td><td>xxxxxxxx<cr></td></tr> <tr> <td>Key 2:</td><td>yyyyyyyy<cr></td></tr> <tr> <td>Key 3:</td><td>zzzzzzzz<cr></td></tr> </table>	Prompt	Response	Enter new Keycodes:		Key 1:	xxxxxxxx<cr>	Key 2:	yyyyyyyy<cr>	Key 3:	zzzzzzzz<cr>
Prompt	Response										
Enter new Keycodes:											
Key 1:	xxxxxxxx<cr>										
Key 2:	yyyyyyyy<cr>										
Key 3:	zzzzzzzz<cr>										
	<table> <tr> <th>If</th><th>Do</th></tr> <tr> <td>after the last keycode is entered, 'Keycode validation successful' ***WARNING*** A system restart will be invoked as part of the software installation process" message appears</td><td>Step 22</td></tr> <tr> <td>after the last keycode is entered, 'Keycode validation unsuccessful' message appears</td><td>Step 21 again to re-enter correct keycodes</td></tr> </table>	If	Do	after the last keycode is entered, 'Keycode validation successful' ***WARNING*** A system restart will be invoked as part of the software installation process" message appears	Step 22	after the last keycode is entered, 'Keycode validation unsuccessful' message appears	Step 21 again to re-enter correct keycodes				
If	Do										
after the last keycode is entered, 'Keycode validation successful' ***WARNING*** A system restart will be invoked as part of the software installation process" message appears	Step 22										
after the last keycode is entered, 'Keycode validation unsuccessful' message appears	Step 21 again to re-enter correct keycodes										
	Note: After three unsuccessful keycode validation attempts, the following message appears.										
	Keycode validation unsuccessful. Installation aborted...returning to main menu.										
—continued—											

Software Installation Procedure (Continued)

Step	Action										
22	Complete the software installation.										
	<table> <tr> <th>Prompt</th><th>Response</th></tr> <tr> <td>Are you sure you wish to perform the installation?</td><td> y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu) </td></tr> <tr> <th>If</th><th>Do</th></tr> <tr> <td>response was y</td><td>—End—</td></tr> <tr> <td>response was n</td><td>Step 8</td></tr> </table>	Prompt	Response	Are you sure you wish to perform the installation?	y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)	If	Do	response was y	—End—	response was n	Step 8
Prompt	Response										
Are you sure you wish to perform the installation?	y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)										
If	Do										
response was y	—End—										
response was n	Step 8										
—End—											